

1. A universal mounting mechanism for holding an object needing secure physical connection to another surface, comprising:
a base having a face for engaging said object, said face having surfaces
for engaging two non-parallel surfaces of said object;
a top pivotally mounted on said base to rotate over said base and locks
into either a closed position over said face, or an open position clear of said face;
whereby said object can be easily and quickly installed and removed.
- 10 2. A universal mounting mechanism as defined in claim 1, wherein:
said face of said base has an inwardly opening angled portion that
engages a corner of said object.
- 15 3. A universal mounting mechanism as defined in claim 1, further comprising:
a detent for releasably holding said top selectively into either said closed
or open position.
- 20 4. A universal mounting mechanism as defined in claim 1, wherein:
said base is lower in profile than said object, whereby said mounting
mechanism does not obstruct the use of said object.
- 25 5. A universal mounting mechanism as defined in claim 1, wherein:
said top is secured to said base against separation therefrom;
whereby said top remains connected to said base in normal operation to
be secure against becoming misplaced or lost during installation or removal of
said objects.
- 30 6. A universal mounting mechanism as defined in claim 1, further comprising:
a clamping mechanism for moving said face of said base against said
object to establish firm contact between said face and said object.

7. A universal mounting mechanism as defined in claim 6, wherein:
by tightening a clamping device (could be a cam lock, or a screw adjusted cam lock, not just a screw).